

6 Northfield 2021 MJ-HMP Jurisdictional Annual Report

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Annual Reporting Year: 2021

Background: Cook County and participating municipalities in the county developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating partners organized resources, assessed risks from natural hazards within the county, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act.

Purpose: The purpose of this report is to provide an annual update on the implementation of the action plan identified in the Cook County Multi-Jurisdictional Hazard Mitigation Plan. The objective is to ensure that there is a continuing and responsive planning process that will keep the Hazard Mitigation Plan dynamic and responsive to the needs and capabilities of the partner jurisdictions. This report discusses the following:

- Natural hazard events that have occurred within the last year
- Changes in risk exposure within the planning area (all of Cook County) Mitigation success stories
- Review of the action plan
- Changes in capabilities that could impact plan implementation
- Recommendations for changes/enhancement.

Hazard Analysis

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are **relevant** and **unique** to the municipality.

Flood: The Village of Northfield has five (5) flood-prone areas, including, Winnetka, Latrobe, and Wagner Roads, Jeffery Middlefork, and Edens Expressway at Winnetka.

Extreme Heat: Our elderly population ([12.6% of the population is over 65](#)) is vulnerable to the impacts of extreme heat.

Extreme Cold: Our elderly population is vulnerable to the impacts of extreme cold.

Ice Storms: Our elderly population is vulnerable to the impacts of ice storms.

Natural Hazard Events in 2021

Instructions: Please use the **Edit** Tool to describe new hazard occurrences/incidents from the past year that have impacted your jurisdiction and had a measurable impact on people or property. (Example: A tornado occurred on [Date] and impacted [insert area] and caused damage to [insert damages]). You may also use the Edit Tool to suggest any modifications/improvements to the hazards unique to your community, as described below from the 2019 plan.

Describe 2021 Natural Hazard Events Here: [Type Here]

Mitigation Strategies and Actions

The heart of the mitigation plan is the mitigation strategy, which serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process.

New Mitigation Actions

Please submit [here](#)

Ongoing Mitigation Actions

The following are ongoing actions. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed. Reviewers of this report should refer to the Hazard Mitigation Plan for more detailed descriptions of each action and the prioritization process. Address the following for each mitigation action:

- Was any element of the action carried out during the reporting period?
- If no action was completed, why?
- Is the timeline for implementation or the action still appropriate?
- If the action was completed, does it need to be changed or removed from the action plan?

TABLE: HAZARD MITIGATION ACTION PLAN MATRIX

<p style="text-align: center;">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>								
2021 Status	2020 Status	2019 Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action N4.1 —Test emergency notification system. Smart 911								
Status Description: c								
Completed		Ongoing	All Hazards	1, 5	Fire Dept.	Low	General revenue	Short-term
Action N4.2 —Sunset ridge-Willow/Old Willow Road Storm Sewer								
Status Description: O								
Ongoing-	-	Removed	Flood, Severe Weather	1, 2, 9	Public Works	\$1.7 Million; High	Grants/Bonds, MWRD-Phase II	Removed
Action N4.3 —Middle Fork Channel Improvements								
Status Description: X No Finds								
No Action		Ongoing	Flood, Severe Weather	1, 2, 9	Public Works	\$5.1 Million; High	Grants/Bonds, MWRD-Phase II	Short-term
Action N4.4 —Willow-Lagoon Flood Barrier								
Status Description: X No Finds								
No Action		Ongoing	Flood, Severe Weather	1, 2, 9	Public Works	\$3 Million; High	Grants/Bonds, MWRD-Phase II	Long-term
Action N4.5 —Winnetka-Meadowview Flood Barrier								
Status Description: X No Finds								
No Action		Ongoing	Flood, Severe Weather	1, 2, 9	Public Works	\$2.6 Million; High	Grants/Bonds, MWRD-Phase II	Long-term
Action N4.6 —South Central Willow Road Storm Sewer								
Status Description: Completed								
Completed-	-	Completed	Flood, Severe Weather	1, 2, 9	Public Works	\$2.3 Million; High	Grants/Bonds, MWRD-Phase II	Completed
Action N4.7 —Winnetka Road Storm Sewer								
Status Description: O								
Ongoing		Ongoing	Flood, Severe Weather	1, 2, 9	Public Works	\$2.5 Million; High	Grants/Bonds, MWRD-Phase II	Long-term
Action N4.8 —Sunset Ridge-Meadowbrook Storm Sewer								
Status Description: O								
Ongoing		Ongoing	Flood, Severe Weather	1, 2, 9	Public Works	\$1.4 Million; High	Grants/Bonds, MWRD-Phase II	Long-term
Action N4.9 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage.								
Status Description: O								
Ongoing		Ongoing	All	7, 13	Village	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action N4.10 —Continue to support the countywide actions identified in this plan.								
Status Description: O								
Ongoing		Ongoing	All	All	Village	Low	General Fund	Short- and long-term Action
Action N4.11 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description: O								
Ongoing		Ongoing	All	3, 4, 6	DHSEM, Village	Low	General Fund	Short-term
Action N4.12 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady								
Status Description: O								
Ongoing		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village	Low	General Fund	Long-term

Action N4.13 —Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements.								
Status Description: O								
Ongoing		Ongoing	Flooding	4, 6, 9	Village	Low	General Fund	Short-term and ongoing
Action N4.14 —Where feasible, implement a program to record high water marks following high-water events								
Status Description: C								
-Completed	-	Completed	Flooding, Severe Weather	3, 6, 9	Village	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Completed
Action N4.15 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description: O								
Ongoing		Ongoing	All	3, 4, 6, 10, 13	Village	Low	General Fund	Short-term
Action N4.16 —Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village's regulatory, financial and technical capability to implement mitigation actions.								
Status Description: O								
Ongoing		Ongoing	All	1, 2, 7	Village	High	CIP component of general fund (if implemented)	Long-term
Action N4.17 — Install Storm Sewer in Bosworth area								
Status Description: X								
No Action		New	Flood	2, 7, 12, 13	Village of Northfield	\$1,478,937; Medium	Local Funds	2019
(a) Ongoing indicates continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years.								

Mitigation Success Stories: Examples of mitigation success stories include, but are not limited to: received a Grant, completed a major mitigation project, etc.

Future Needs: Examples of future needs include, but are not limited to: receiving training to better understand the mitigation grant application process, studies that may be needed to better understand hazards/risks, etc.